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(54) Title: CANNABIMIMETIC LIPID AMIDES AS USEFUL MEDICATIONS

(57) Abstract

Novel analogs of arachidonylethanolamide are presented which have higher affinities for the cannabinoid CB1 and/or CB2 receptor sites. Further, most of the analogs exhibit greater metabolic stability than arachidonylethanolamide. The improved receptor affinity and selectivity and/or greater metabolic stability make these analogs therapeutically useful as medications for relief of pain caused by cancer and nausea caused by chemotherapy, as well as for peripheral pain. The compounds may also be useful as oral and topical contraceptives, in suppression of the immune system, enhancement of appetite and in treatment of psychomotor disorders, multiple sclerosis and hypertension.